

8045 mini

New Model



Technical Specifications

Function settings		
Model: VICTOR 8045 mini		
Structure: New design, newly opened mold (monochrome)		
Functional features: No knife disc button function conversion, TFT color screen display, upper computer software.		
Display: Number of words measured: 29999 (30000 Counts) LCD: 3.5inch TFT Resolution 320 x RGB x 480		
Specification		
DC Voltage (DCV): 300mV/3V/30V/300V/1000V (Can switch between automatic range and manual range)		
AC Voltage (ACV): 300mV/3V/30V/300V/750V (Frequency response: 40 ~ MAX:10kHz) True RMS		
Dc current (DCI): 300µA/3mA/30mA/300mA/3A/10A (Can switch between automatic range and manual range)		
Ac current (ACI): 300µA/3mA/30mA/300mA/3A/10A (Frequency response: 40 ~ MAX:10kHz) True RMS		
Resistance (OHM): 300Ω/3k/30k/300k/3M/30M/300M (Can switch between automatic range and manual range)		
Capacitance (CAP): 30nF/300nF/3µF/30µF/300µF/3mF/30mF/300mF		
Temperature (Temp.): -40°C ~ 1000°C, -40°F ~ 1832°F		
Frequency (Freq.): 30Hz/300Hz/30kHz/300kHz/3MHz/30MHz/300MHz		
(DIODE): Measure the voltage drop of the diode, with an open circuit voltage of approximately 3.2V		
Continuity (BZ): < about 30Ω Beep alarm+display indication		
Other functional items:		
1. Has measurement/stop (Run/Stop) function;		
2. Dual display function button switch (Dual), AC can dual display accompanying frequency, frequency can dual display duty cycle;		
3. Math calculation button switch (Math), can display MAX/MIN;		
4. Product model and version information button display (Utility);		
5. Manual range switching and up/down conversion (Range/f1);		
6. The product is equipped with 2pcs 18650 lithium batteries (with a total charging capacity of 4400mAh), which can be charged and measured simultaneously with the product		
7. The display screen has a battery level grading display, which shows the charging status during charging. At the same time, there is a charging LED indicator next to the charging cable socket (as a charging indicator when the product is turned off). The red LED flashes during charging, and remains on when fully charged or not charged. After the product is turned off, the indicator light will turn off after about 30 seconds (when no load is detected).		
8. The upper computer software that comes with the product can be used for measurement, testing, and data recording and storage		
Packaging configuration		
Manual	1pc	Brochure
10A test lead	1pair	
Temperature probe	1pc	K type (-20°C ~ 250°C)
Color box	1set	(Bare machine mounted plastic bag, with pearl cotton padding used to secure and protect the product and separate accessories inside)
Type-Charging cable	1pc	1 meter long
USB data cable	1pc	USB (Square Type-B interface) 1 meter long

8045-II



Technical data

Basic Function	Range	Basic accuracy	RESOLUTION
DC Voltage	200mV/2V/20V/200V	±(0.05%+5)	210uV/100uV/1mV/10mV
	1000V	±(0.1%+5)	100mV
AC Voltage	200mV	40Hz-1kHz: ±(0.7%+30)	10uV
		1kHz-10kHz: ±(2%+30)	
	2V	10kHz-20kHz: ±(3%+60)	100uV
		20kHz-50kHz: ±(10%+250)	
	20V	40Hz-1kHz: ±(0.5%+30)	1mV
		1kHz-10kHz: ±(2%+30)	
200V	10kHz-20kHz: ±(5%+60)	10mV	
	40Hz-1kHz: ±(0.5%+30)		
1000V	1kHz-5kHz: ±(2%+30)	100mV	
	40Hz-200Hz: ±(0.8%+10)		
DC Current	200uA/2mA / 20mA/200mA	±(0.35%+10)	0.01uA/0.1uA/1uA/10uA
	2A	±(0.8%+10)	100uA
	20A	±(2.0%+15)	1mA
	20mA/200mA/2A	±(0.8%+80)	1uA/10uA/100uA
AC Current	20A	±(2.5%+35)	1mA
	20A	±(0.5%+30)	0.01Ω
Resistance	20kΩ/20kΩ/200kΩ/2MΩ	±(0.5%+40)	0.1Ω/1Ω/10Ω/100Ω
	20MΩ	±(0.6%+50)	1kΩ
Frequency	20Hz-200kHz/200kHz-2MHz/2MHz-20MHz	±(0.1%+3)	0.01Hz-0.1kHz/0.1kHz-0.01MHz/0.01MHz-0.01MHz
	20Hz-200kHz/200kHz-2MHz/2MHz-20MHz	±(0.1%+3)	0.01Hz-0.1kHz/0.1kHz-0.01MHz/0.01MHz-0.01MHz
Capacitance	20nF/200nF/2uF/20uF	±(3.5%+20)	1pF/10pF/100pF/1nF
	200uF/2000uF	±(5%+30)	10nF/100nF

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Accuracy: ±0.05%
TRUE RMS

RESOLUTION	
Diode test	✓
Frequency	✓
Resistance	✓
Triode test	✓
Continuity buzzer	✓
Overload protection	✓
ACV frequency response	50kHz
Operation way	Manual range
Max. Display	19999
Dimension	260mm*220mm*82mm
Weight	Approx: 1Kg
Power	AC220V/110V 47Hz-62Hz